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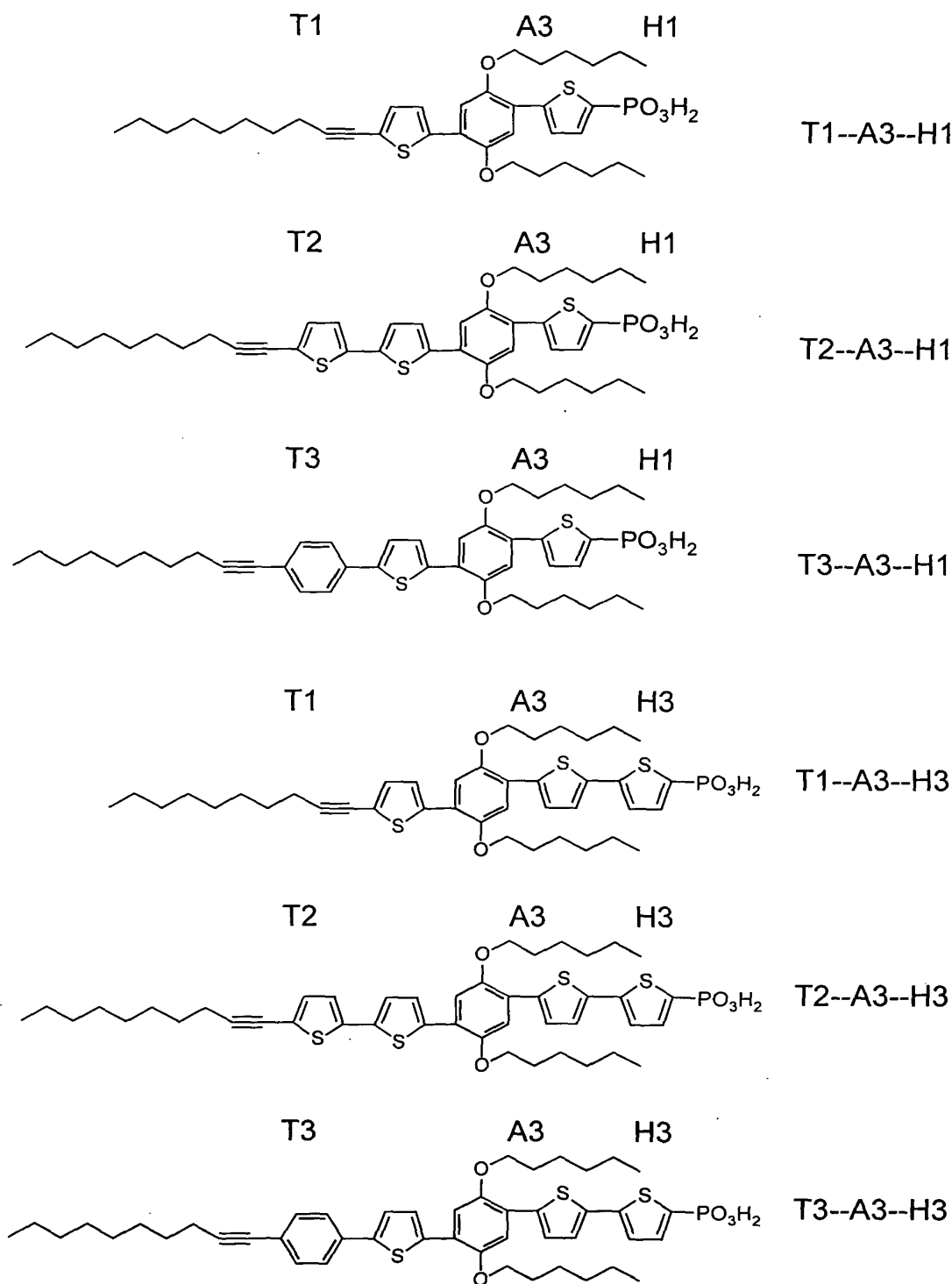
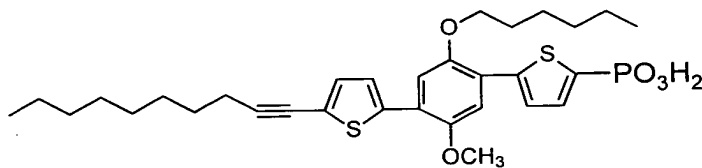
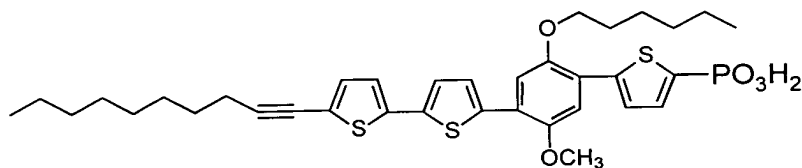


Fig. 1

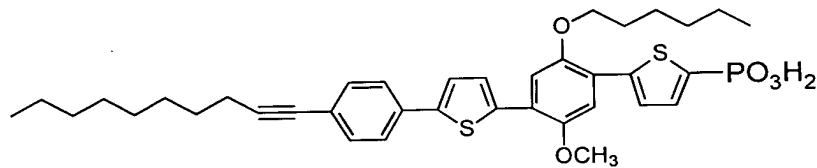
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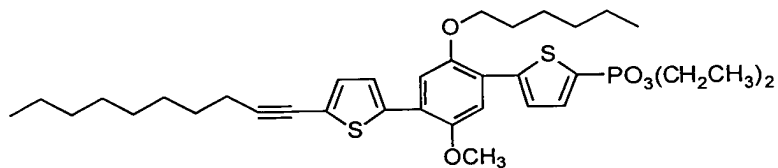
T1--B3--H1



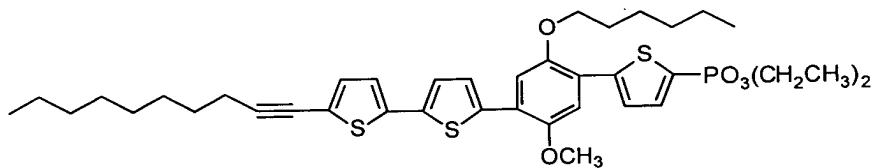
T2--B3--H1



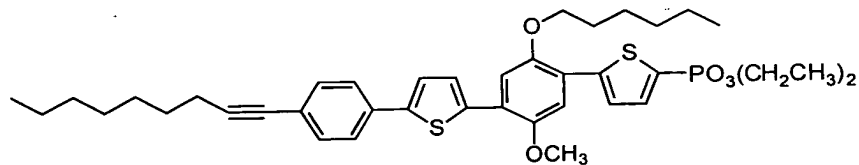
T3--B3--H1



T1--B3--H2



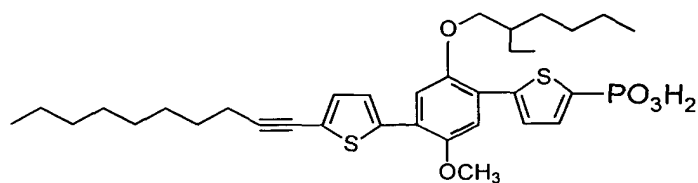
T2--B3--H2



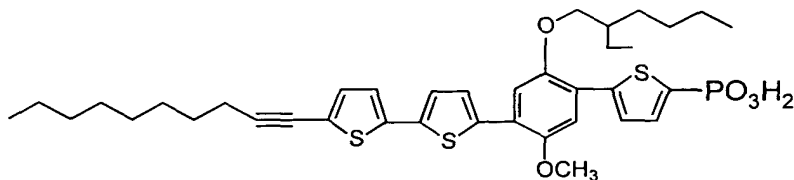
T3--B3--H2

Fig. 1 cont'd

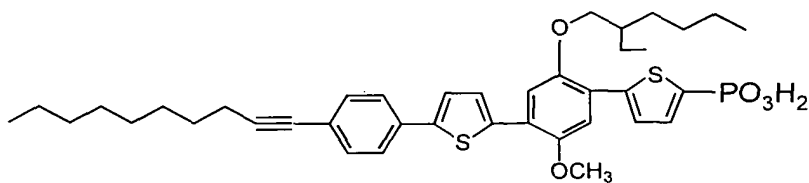
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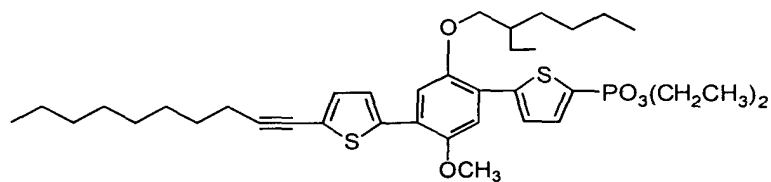
T1--E3--H1



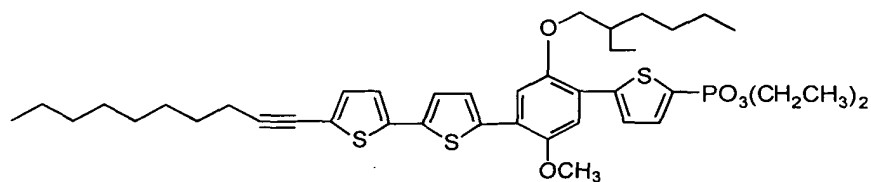
T2--E3--H1



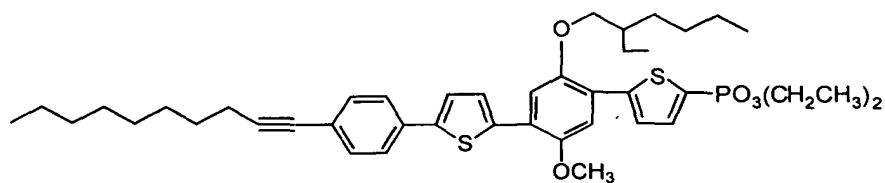
T3--E3--H1



T1--E3--H2



T2--E3--H2



T3--E3--H2

Fig. 1 cont'd

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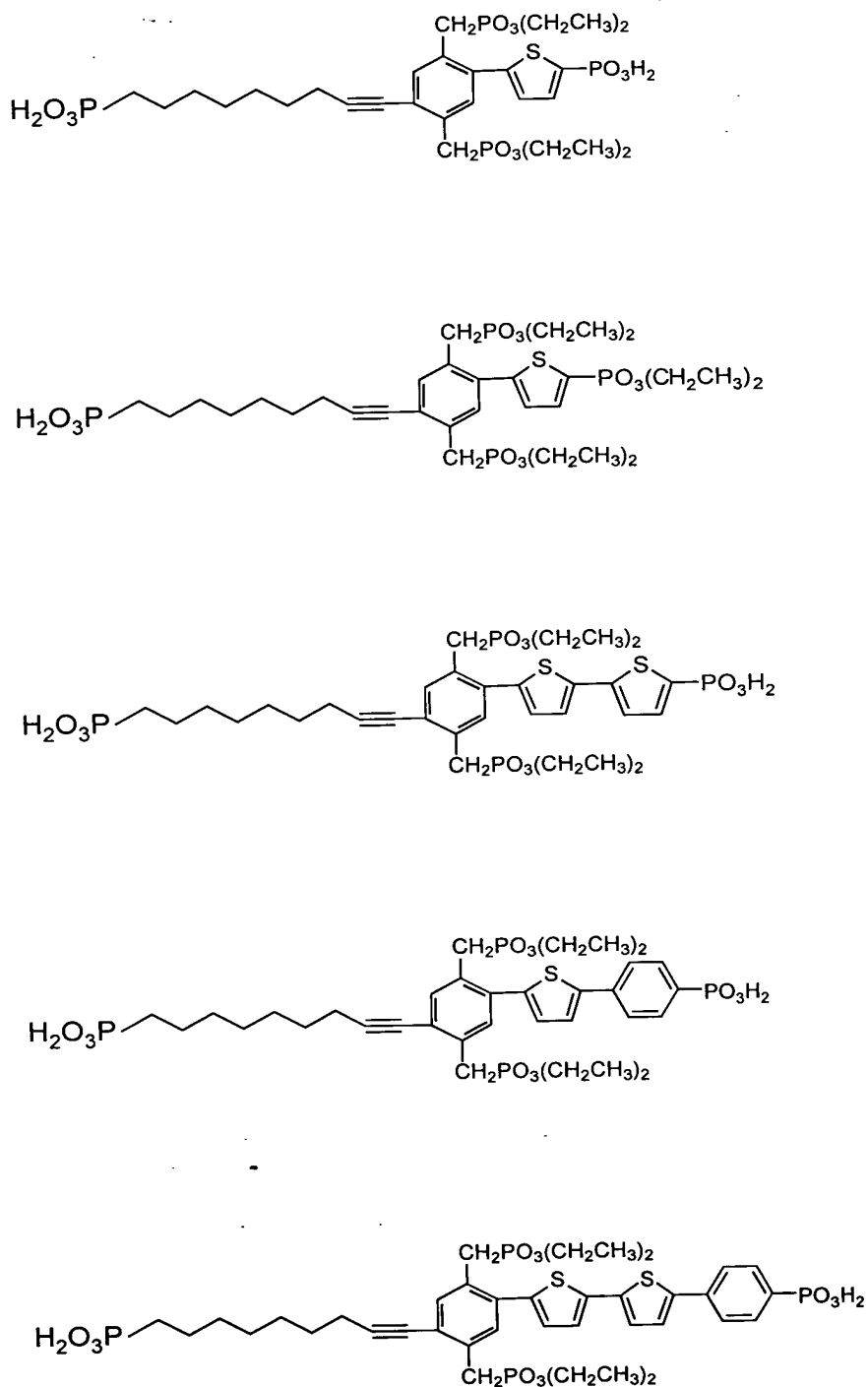


Fig. 2

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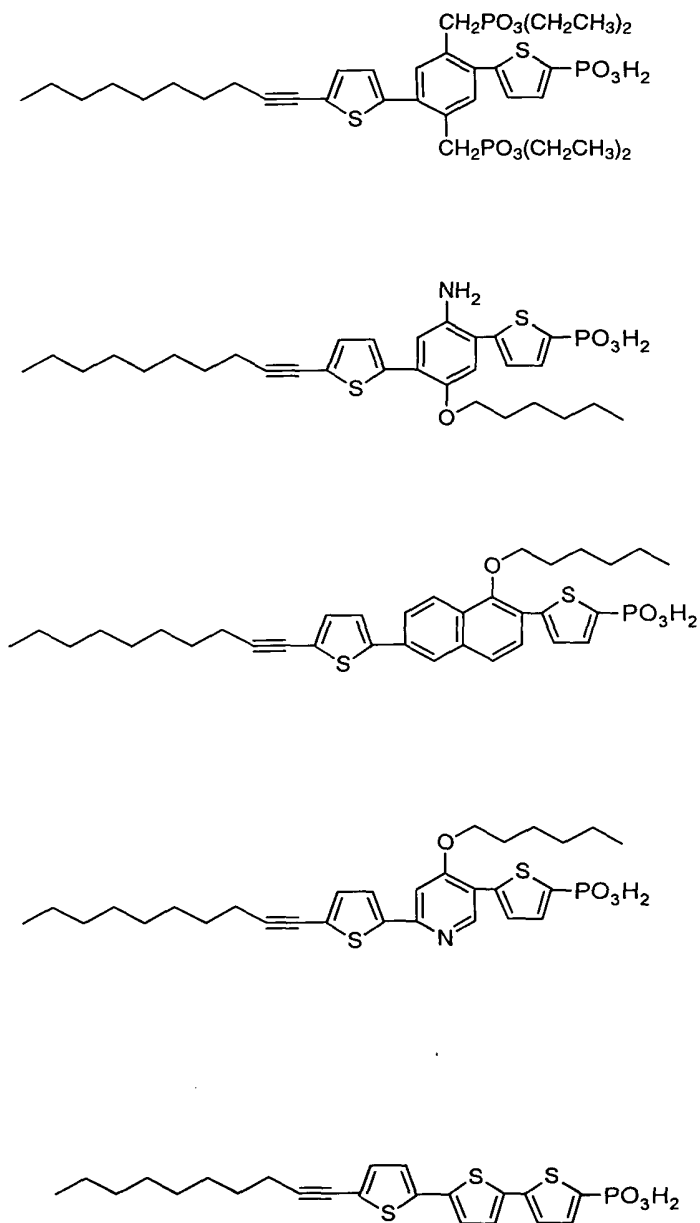


Fig. 2 cont'd

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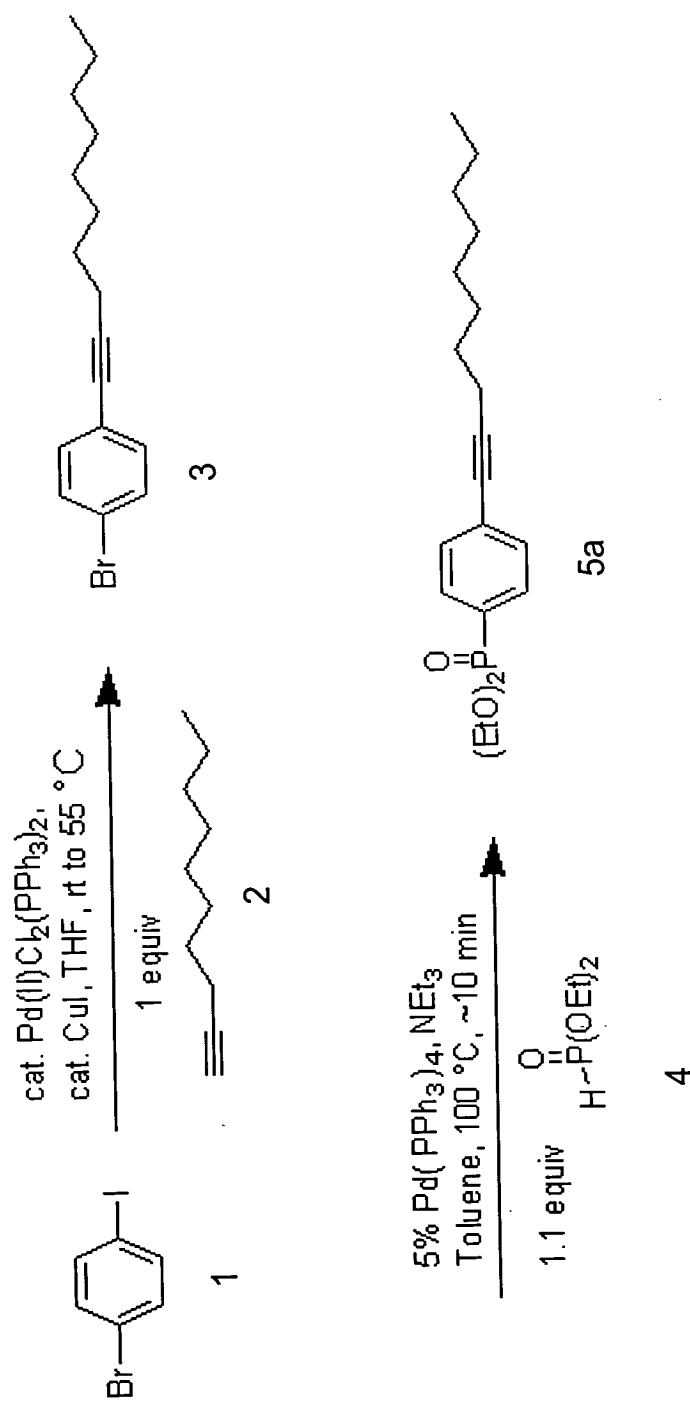
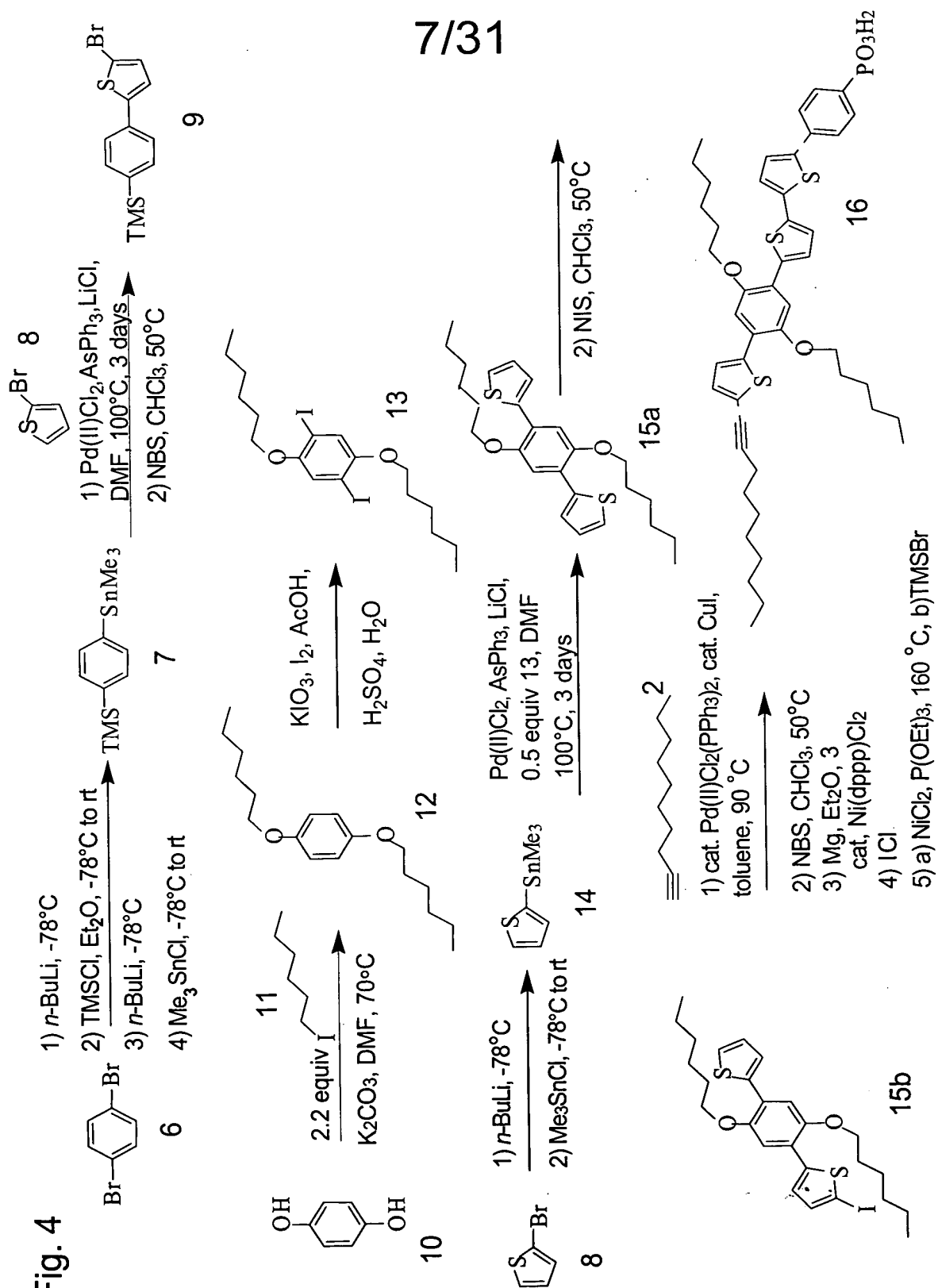


Fig. 3

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Fig. 4



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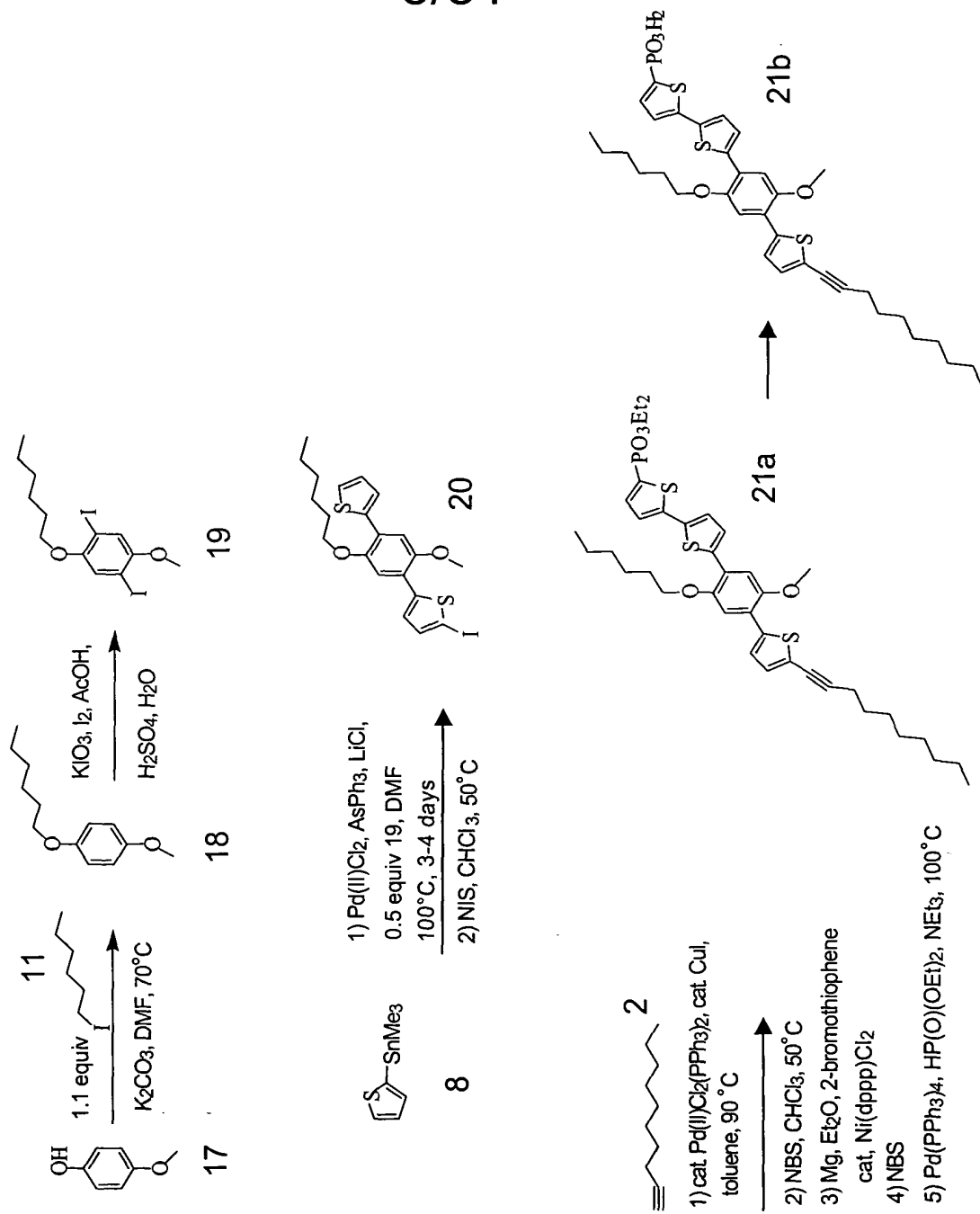


Fig. 5

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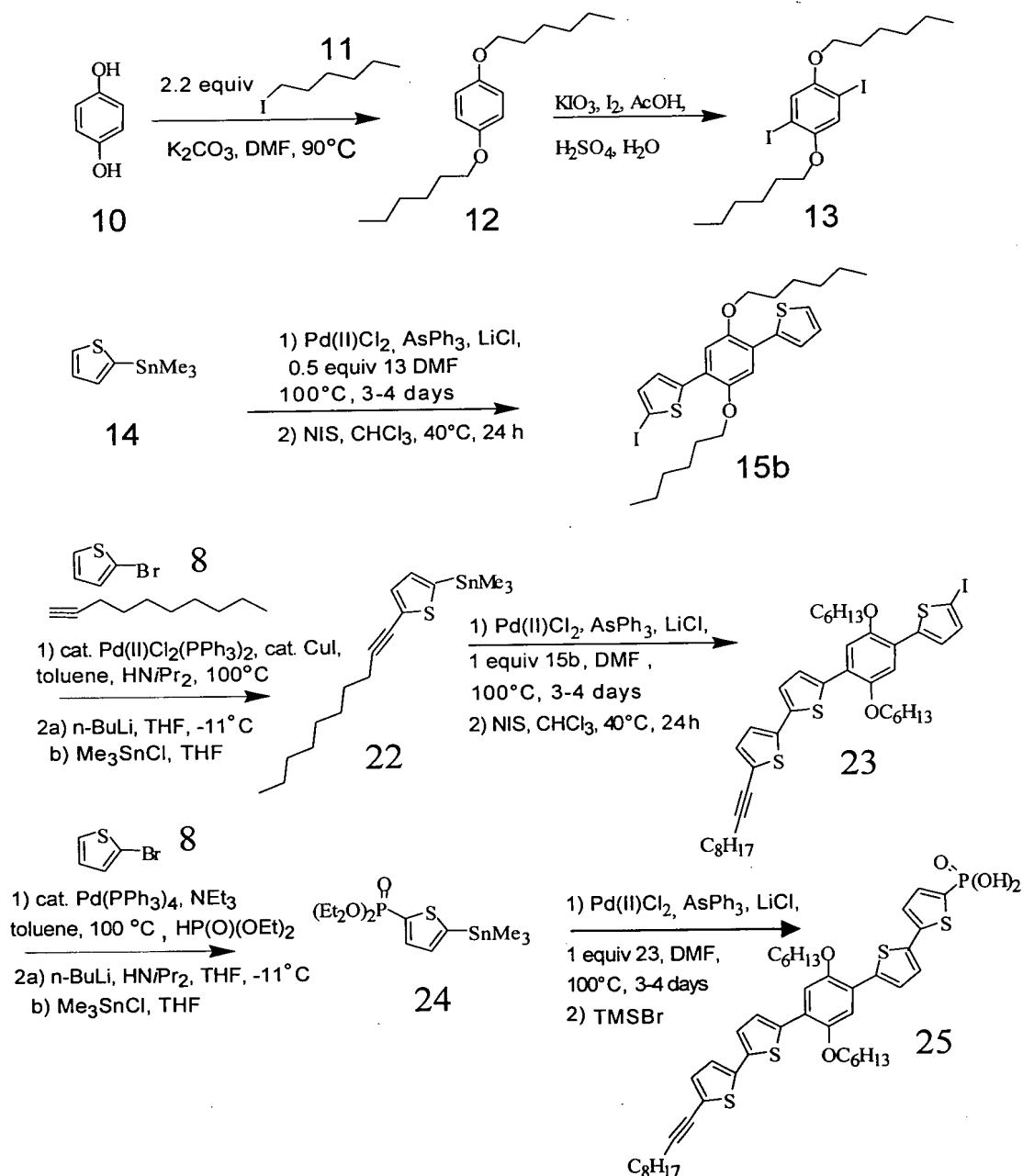


Fig. 6

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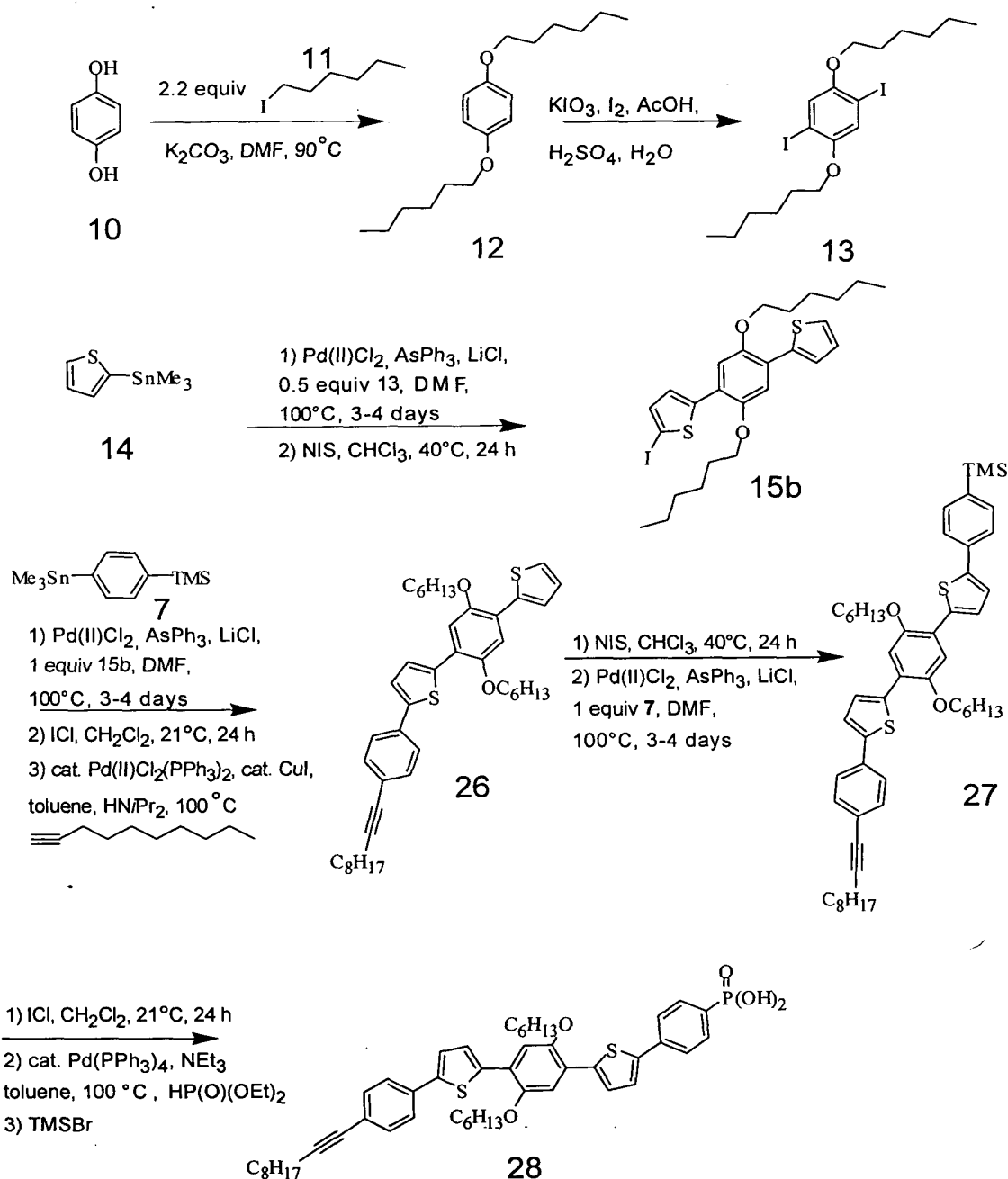


Fig. 7

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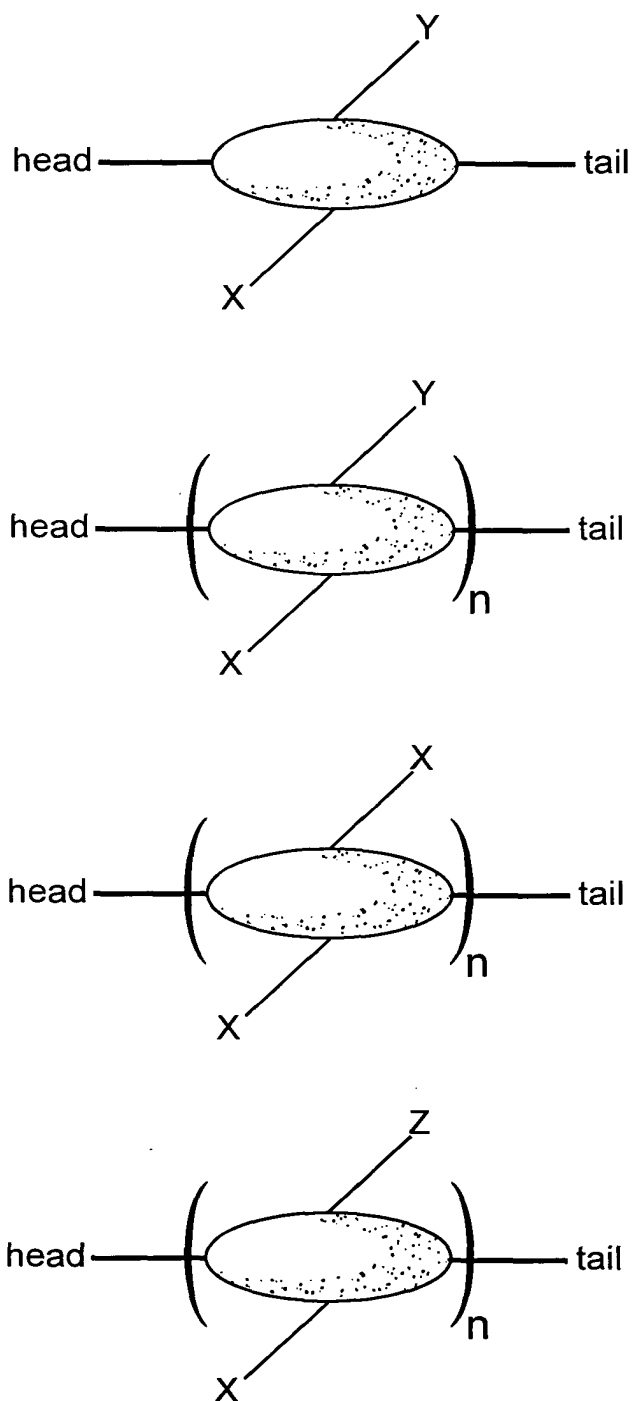


Fig. 8

ORGANIC SPECIES THAT FACILITATE CHARGE
TRANSFER TO OR FROM NANOSTRUCTURES

Jeffery A. Whiteford, et al.

Serial No.: Not yet known

Attorney Docket No.: 40-002710US

12/31

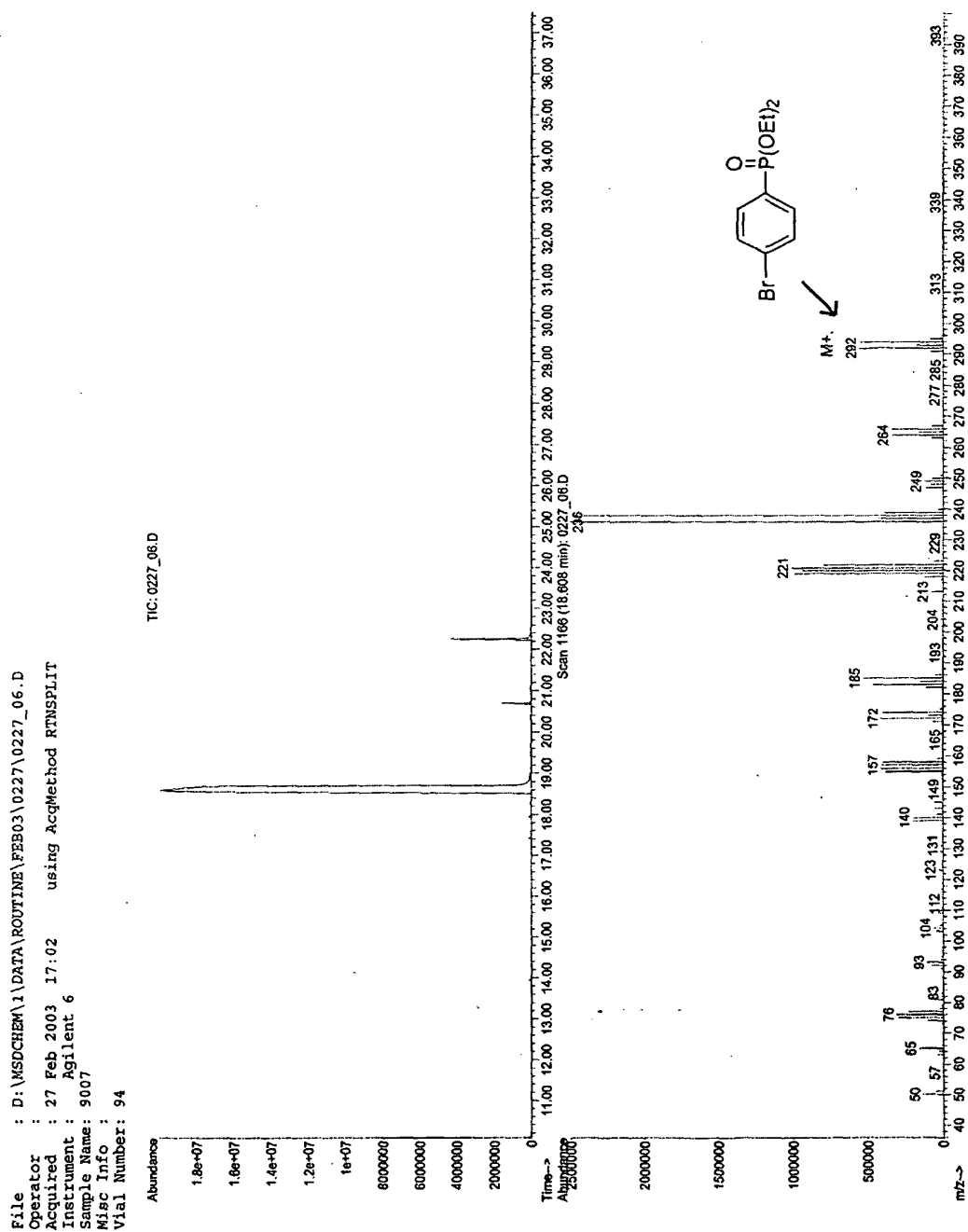


Fig. 9

ORGANIC SPECIES THAT FACILITATE CHARGE
TRANSFER TO OR FROM NANOSTRUCTURES

Jeffery A. Whiteford, et al.

Serial No.: Not yet known

Attorney Docket No.: 40-002710US

13/31

MALDI TOF

Original Filename: d:\data\2003\February\02140318590a.ms

This File # 3 = D:\DATA\2003\FEBRUARY\02140318590A.MS

Method: P1:P
Accelerating Voltage: 20000
Grid Voltage: 94.200 %
Guide Wire Voltage: 0.030 %
Delay: 140 ON
Sample: 26
Laser: 2700
Scans Averaged: 56
Pressure: 3.21e-07
Low Mass Gate: 400.0
Negative Ions: OFF
Collected: 2/14/03 12:10 PM

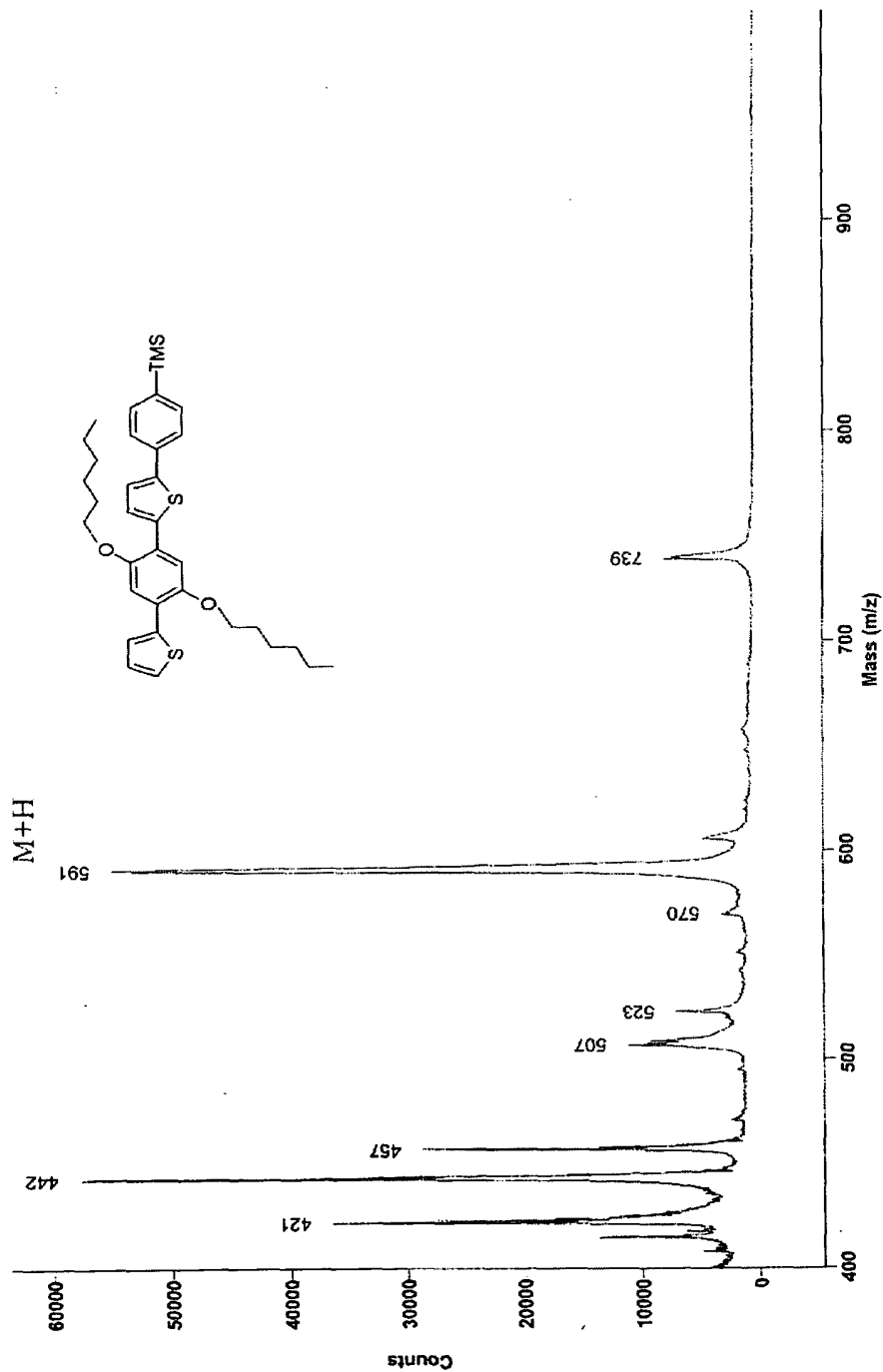


Fig. 10

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MALDI TOF

Original Filename: d:\data\2003\FEBRUARY\28\9091.ms

This File # 3 = D:\DATA\2003\FEBRUARY\28\9091.MS

Method: PEP
Accelerating Voltage: 20000
Grid Voltage: 94.200 %
Guide Wire Voltage: 0.030 %
Delay: 140 ON
Sample: 67
Laser: 2150
Scans Averaged: 170
Pressure: 2.28e-07
Low Mass Gate: OFF
Negative Ions: OFF
Collected: 27/8/03 3:40 PM

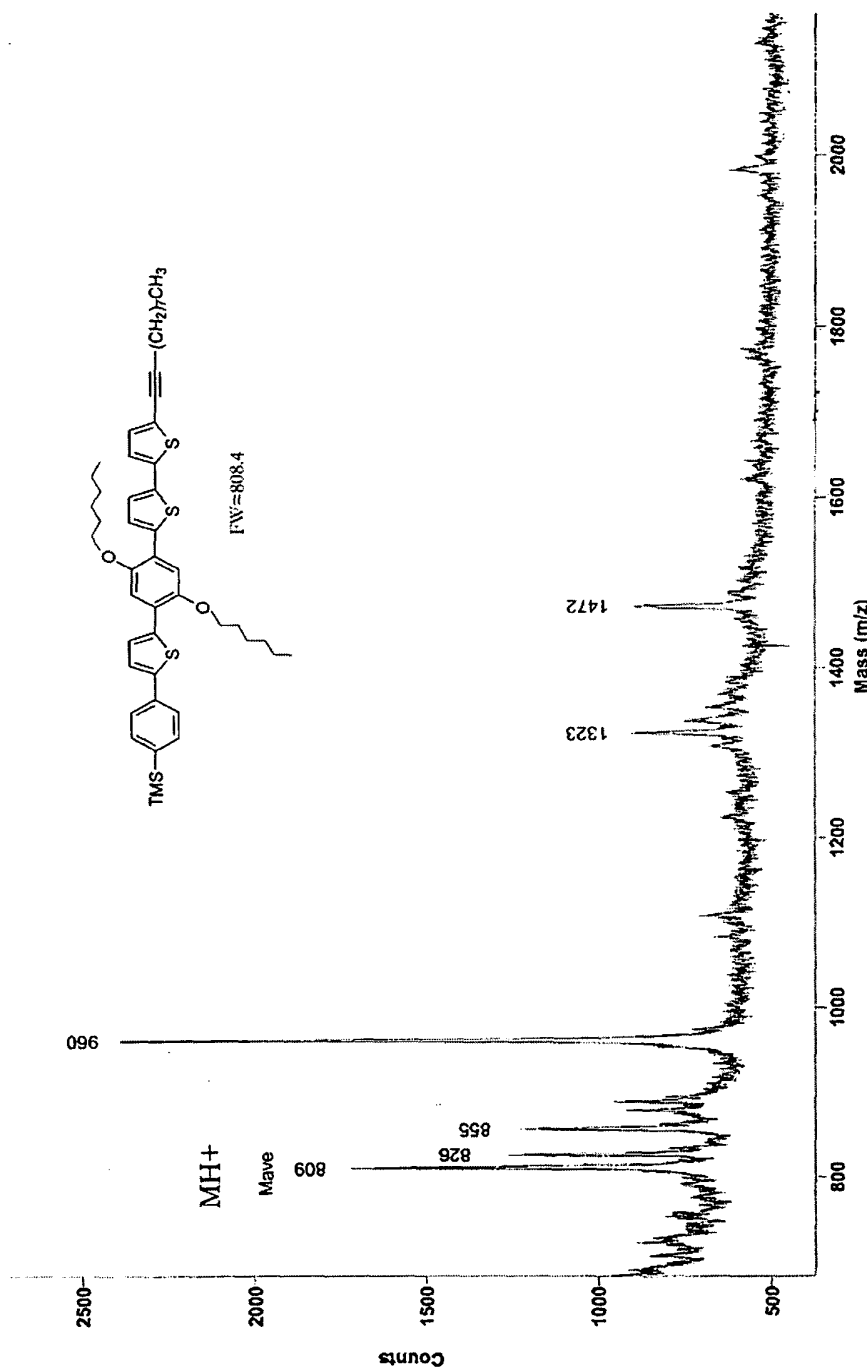


Fig. 11

Attorney Docket No.: 40-002710US

STANDARD 1H OBSERVE

expl std1h

SAMPLE
date Feb 14 2003 dfrq DEC. & VT 400.112
solvent CDCl3 dn H1
file /export/home/~/upr 30
names 31/dec/07
tar/JANUSV922_1 file dmz run
C

ACQUISITION
sfrq 400.112
in H1
at 1.995 wfile
np 23964 proc
sw 6006.0 fn
fb not used werr
bs 16 wexp
ss 2 wos
tper 50 wnt
d1 700
d1 1.000
nt 64
ct 64
ct 64
alock y
gain not used
flags

PROCESSING
ft
not used

11 n
in n
dp y
DISPLAY
sp -218.2
wp 3432.5
vs 569
sc 0
wc 250
hzmax 13.72
ls 1192.91
rfi 980.9
rfp 0
th 20
line cdc
nm 100.000

Chemical structure: Me3Sn-C6H4-C#C-(CH2)7CH3

10.47 8.18 47.68 22.01 0 ppm

Fig. 12

ORGANIC SPECIES THAT FACILITATE CHARGE
TRANSFER TO OR FROM NANOSTRUCTURES

Jeffery A. Whiteford, et al.

Serial No.: Not yet known

Attorney Docket No.: 40-002710US

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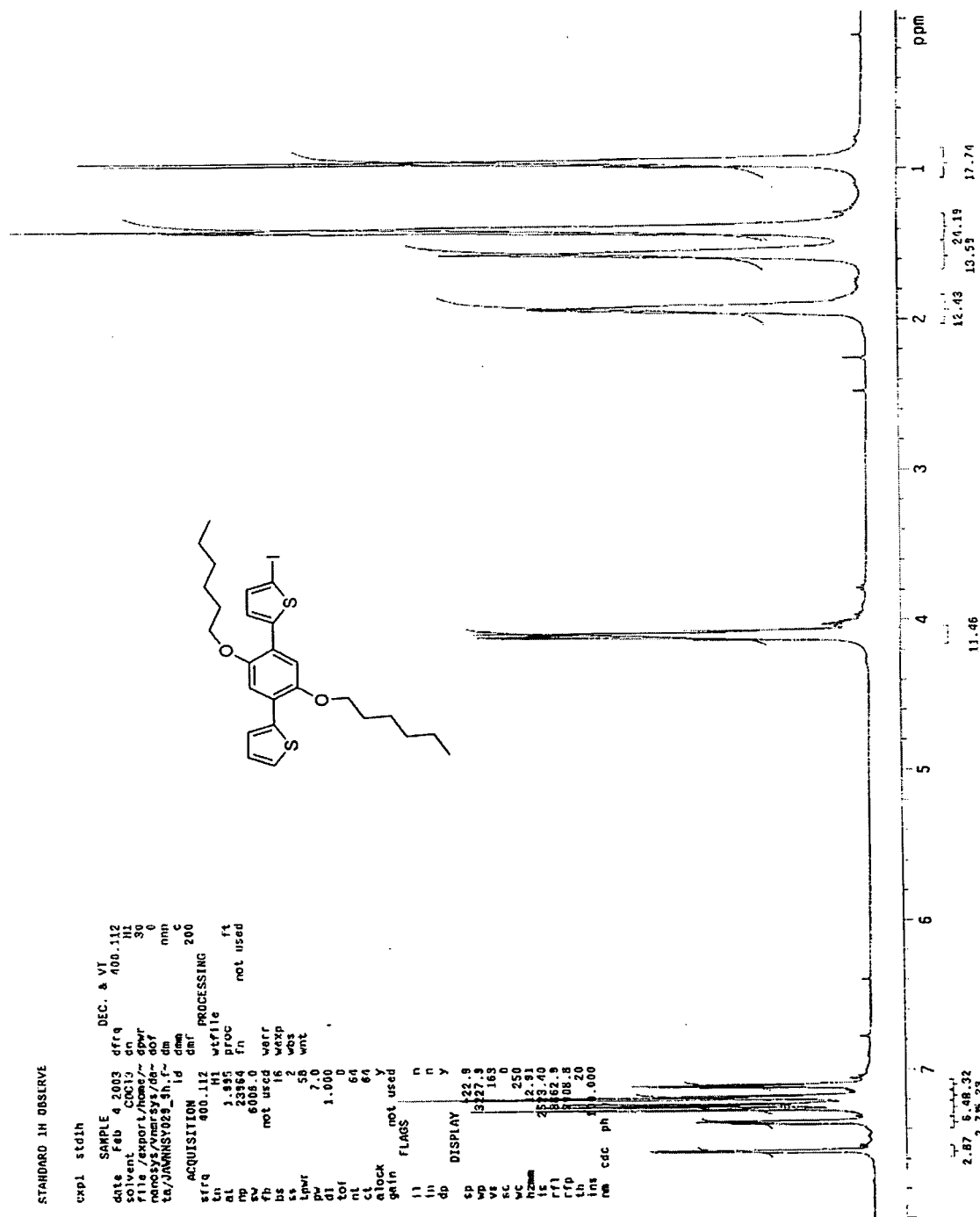


Fig. 13

Attorney Docket No.: 40-002710US

[illegible]

Fig. 14

STANDARD XII OBSERVE

exp1 std1h

SAMPLE
date Jan 20 2003 dfrq 400.112
solvent CDCl3 dn
file /export/home/~dpar
nanosys/vmarsys/da-
td/LNHS1031_8_31st-
nm
nmn 0
c
200
ACQUISITION
sfrq 400.112
in H1
at 1.895
np 23964
sw 6006.0
rb not used
bs 16
ss 2
tpur 58
pw 7.00
tq 1.000
tcf 0
nt 64
ct 64
alock y
gain not used
FLAGS
ll n
ln n
in n
dp y
sp -401.2
vp 3/95.1
vc 162
sc 0
wc 250
h2am 15.18
fs 602.61
rfi 3662.9
rfp 2908.8
th 100.000
ins cdc ph

DEC. a VT
400.112
H1
30
0
nmn
c
200
ACQUISITION
sfrq 400.112
in H1
at 1.895
np 23964
sw 6006.0
rb not used
bs 16
ss 2
tpur 58
pw 7.00
tq 1.000
tcf 0
nt 64
ct 64
alock y
gain not used
FLAGS
ll n
ln n
in n
dp y
sp -401.2
vp 3/95.1
vc 162
sc 0
wc 250
h2am 15.18
fs 602.61
rfi 3662.9
rfp 2908.8
th 100.000
ins cdc ph

Acetone

Chemical structure: COc1ccc(OCC(C)CC(C)C)cc1

Peak labels: a, b, c, d, e, f, g, h, i, g+h, b+c

ppm scale: 8, 7, 6, 5, 4, 3, 2, 1, -0

Peak data table:

Chemical Shift (ppm)	Integration
17.33	9.56
13.54	13.54
10.23	10.23
9.96	9.96
9.31	9.31
12.98	12.98

Fig. 15

Attorney Docket No.: 40-002710US

STANDARD IN OBSERVE

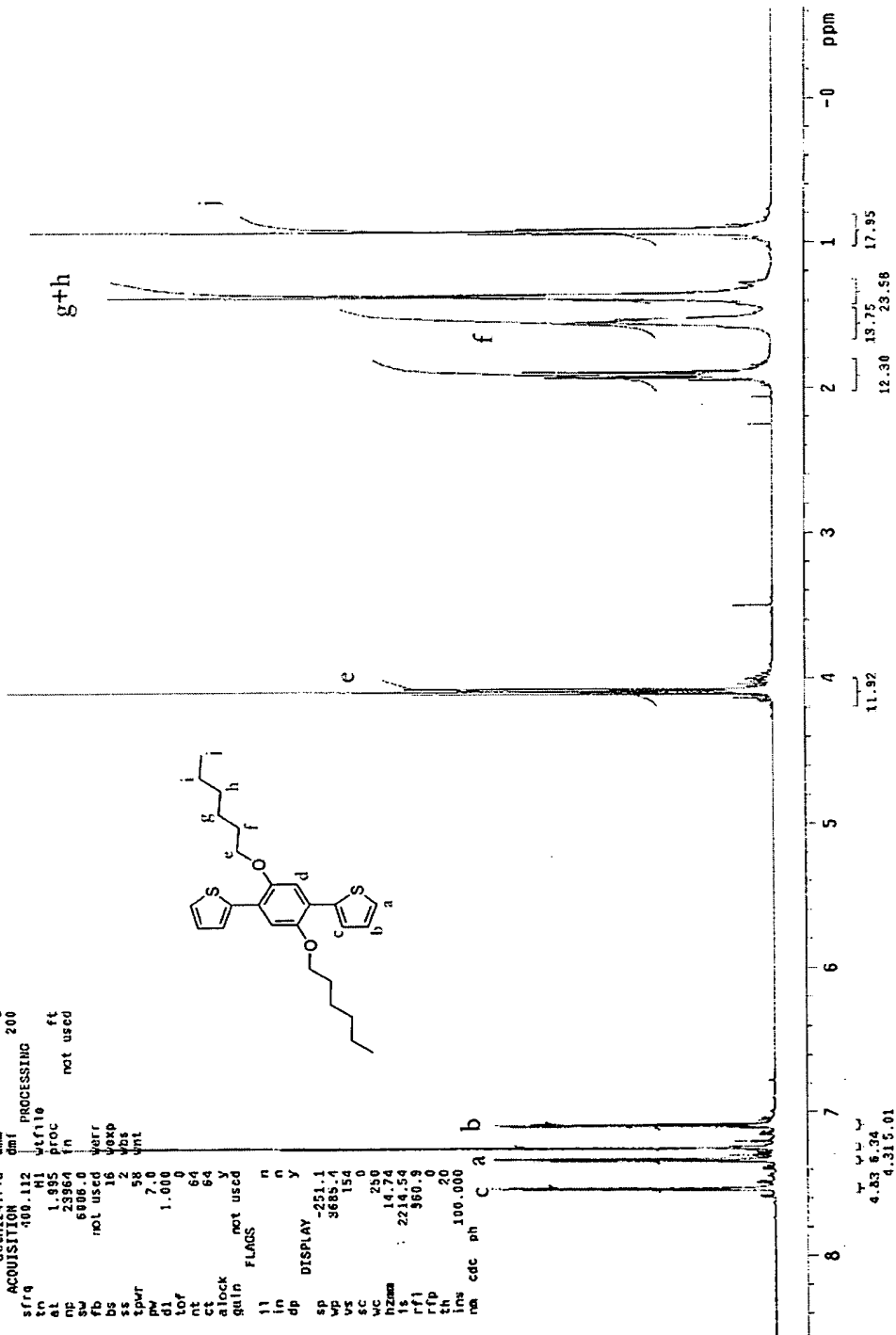
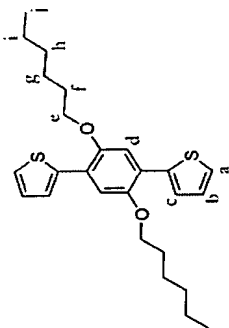
[illegible]

Fig. 16

STANDARD IN OBSERVE

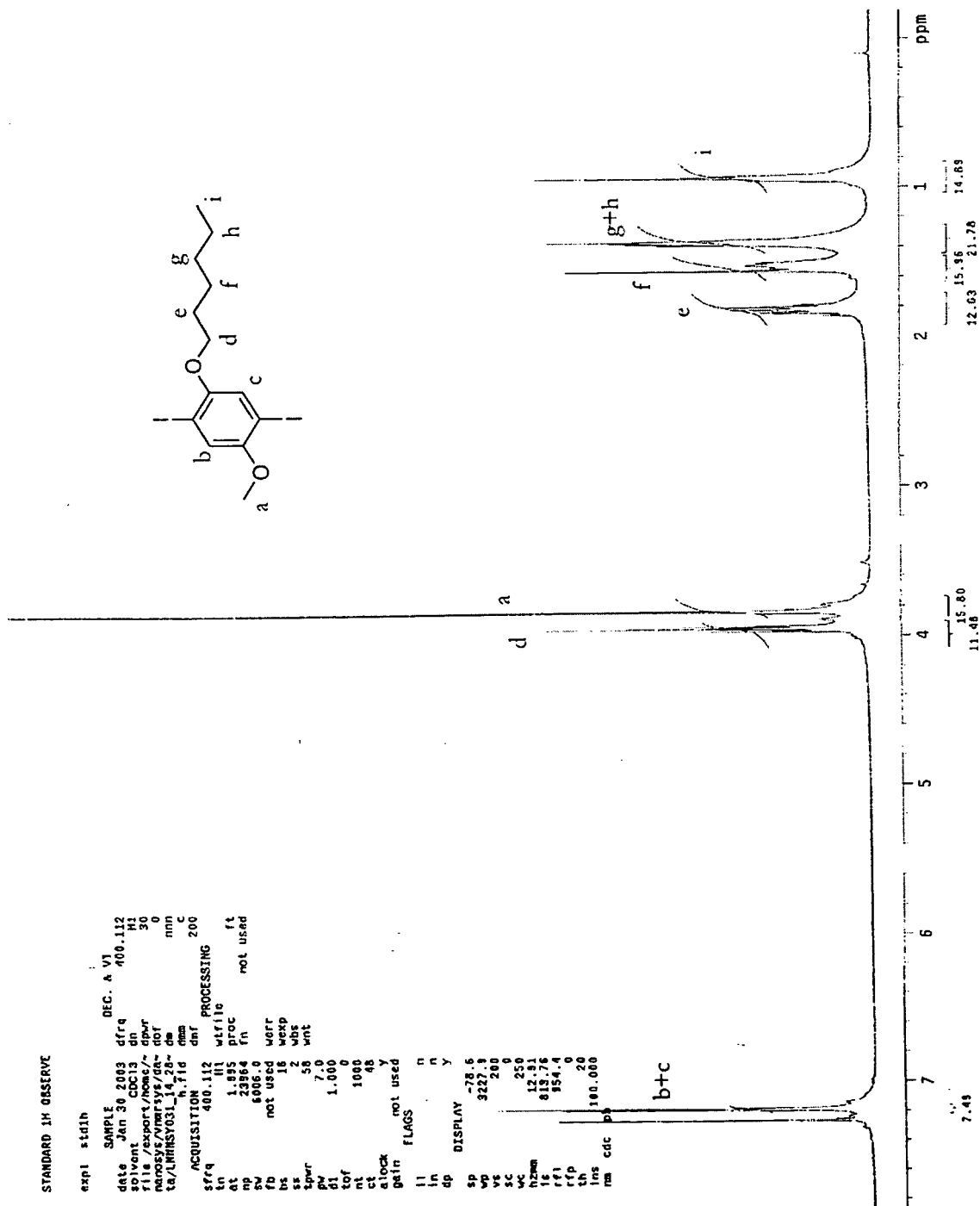
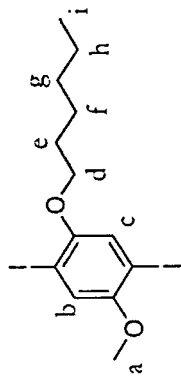
[illegible]

Fig. 17

Attorney Docket No.: 40-002710US

STANDARD IN OBSERVE

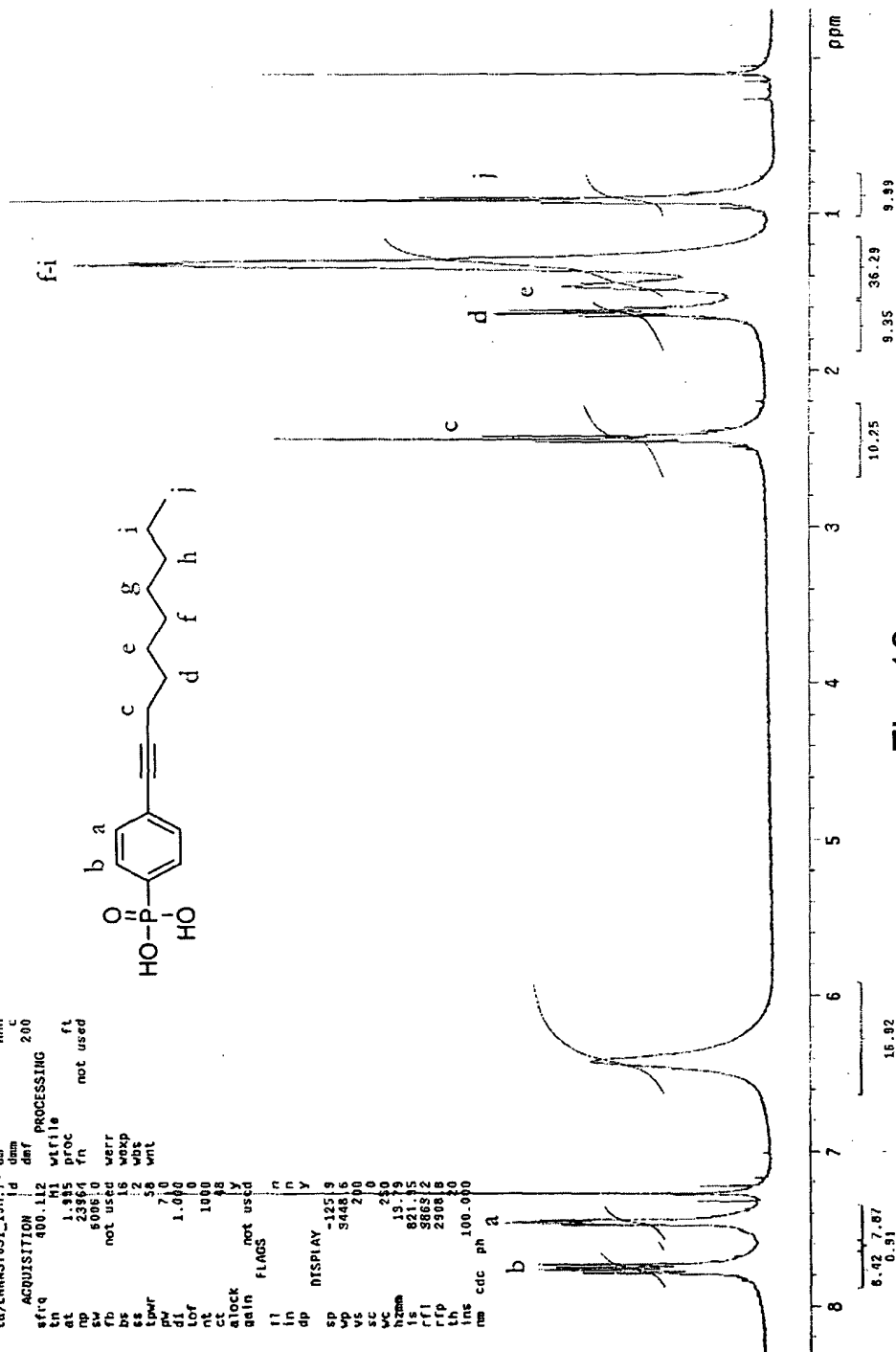
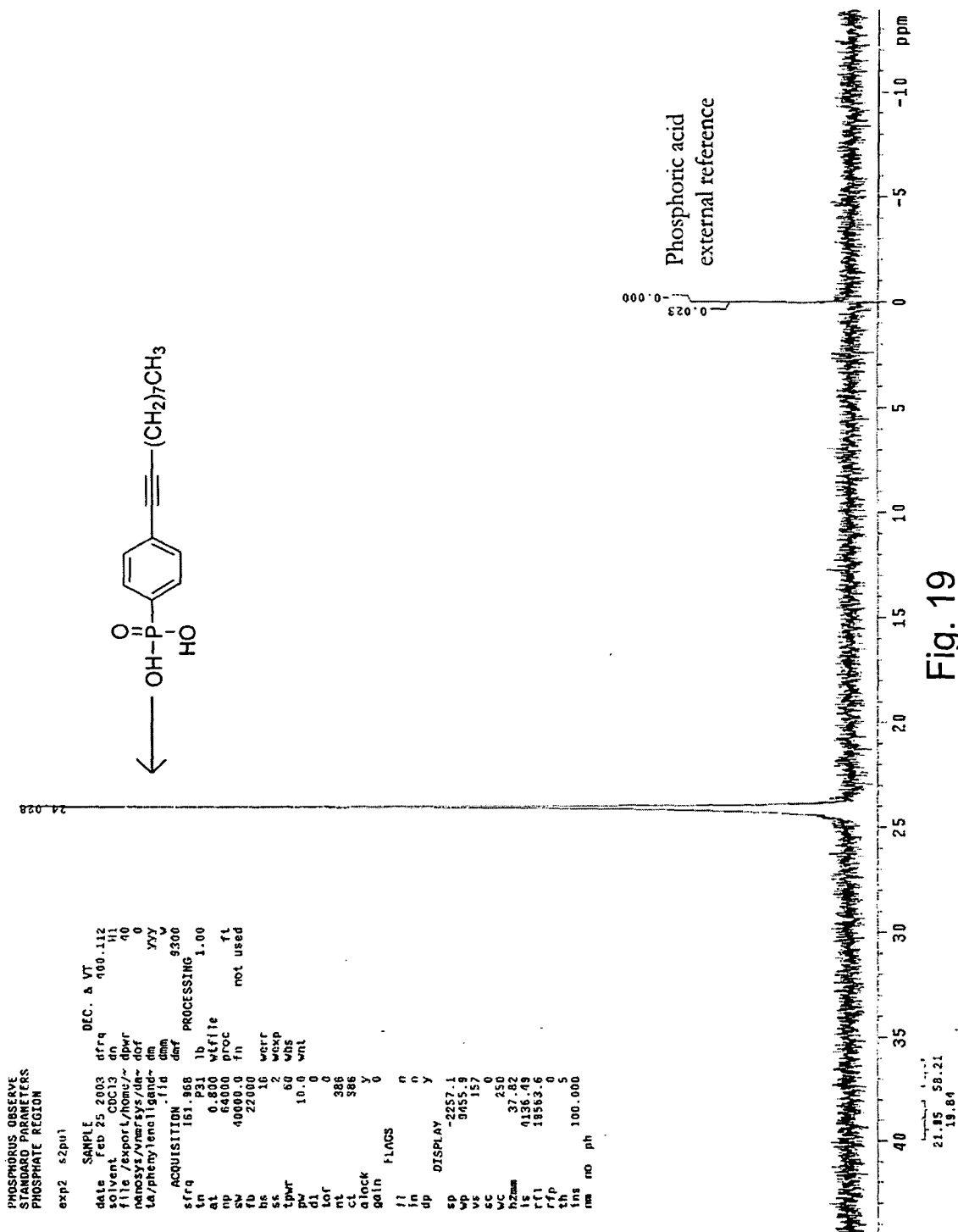
[illegible]

Fig. 18

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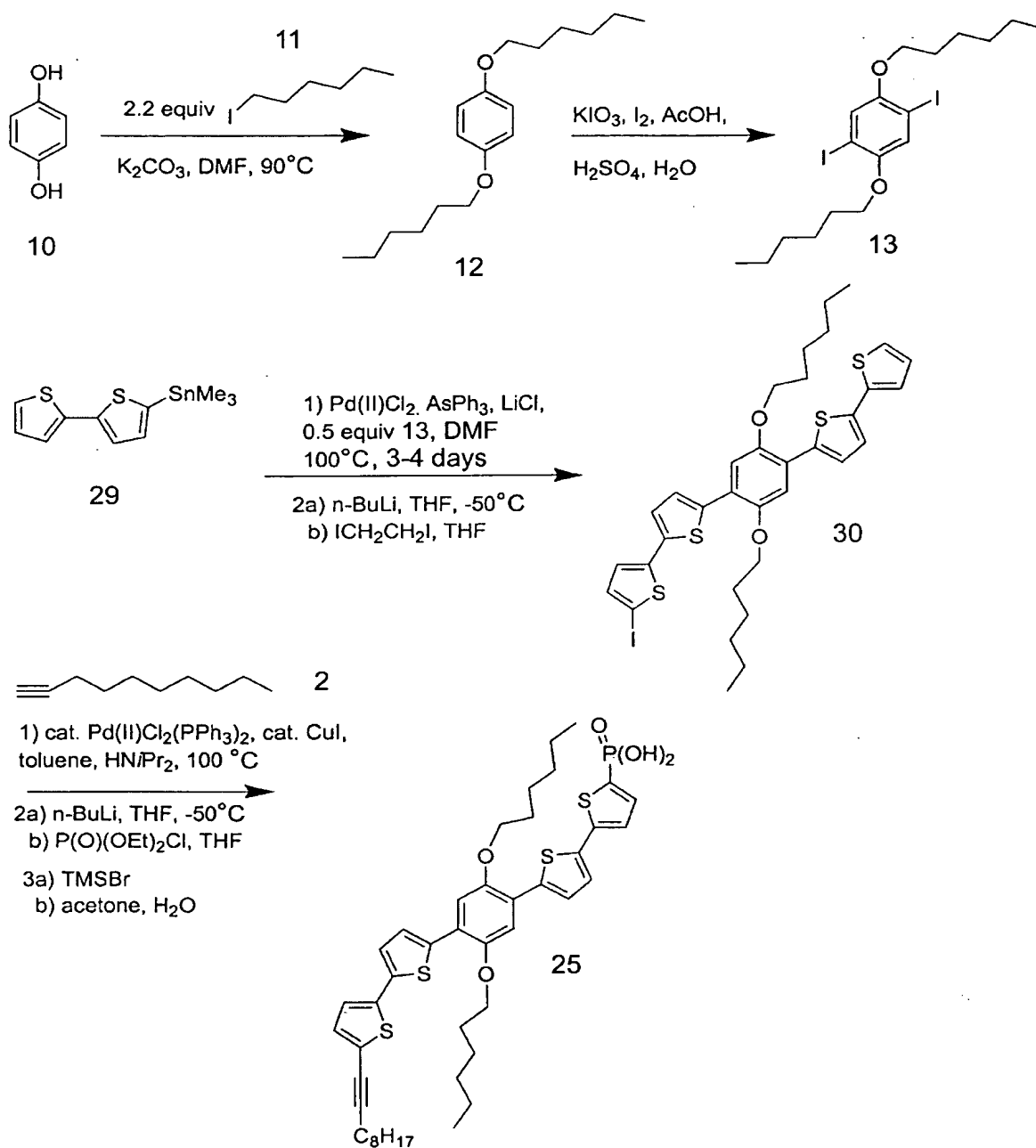


Fig. 20

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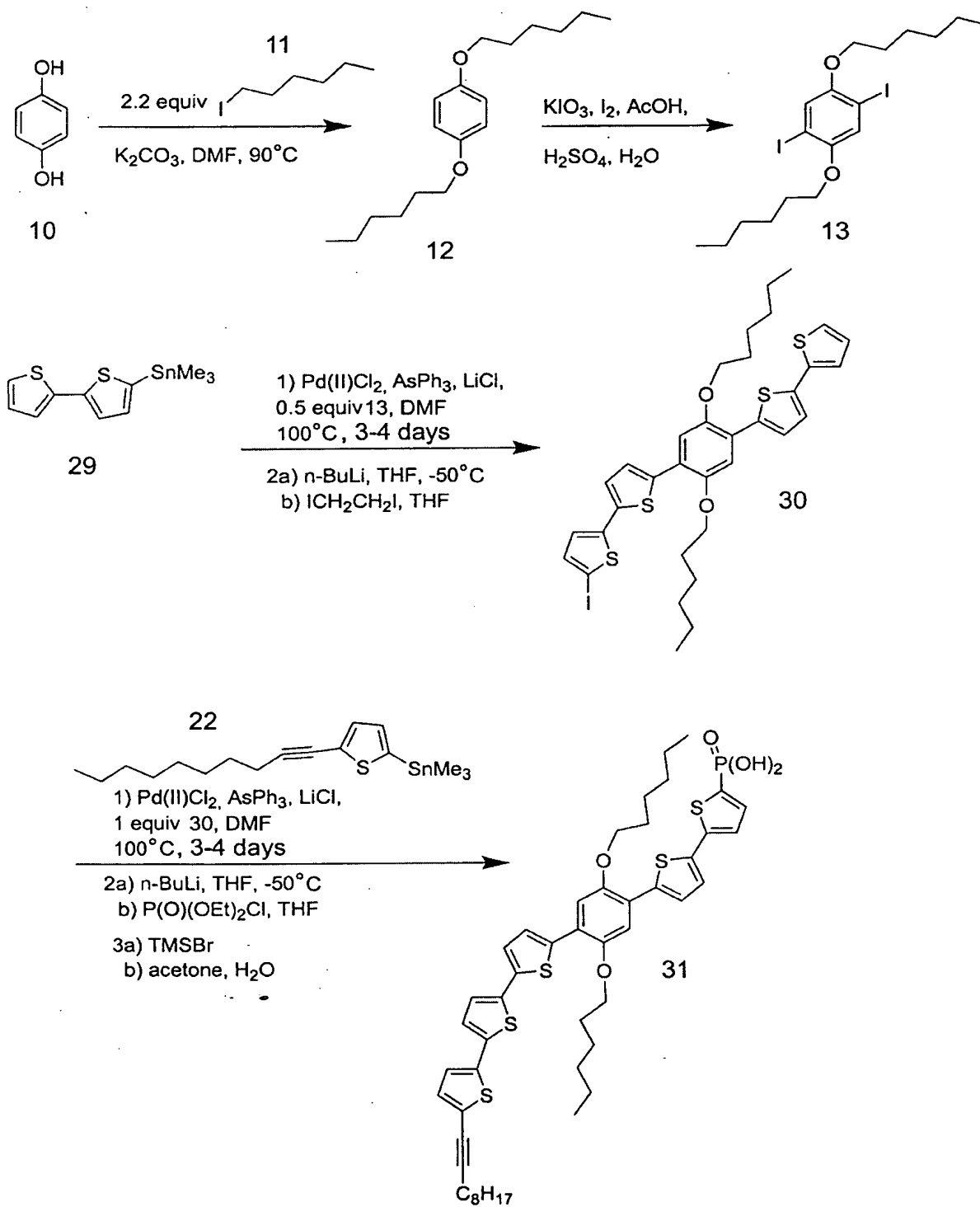


Fig. 21

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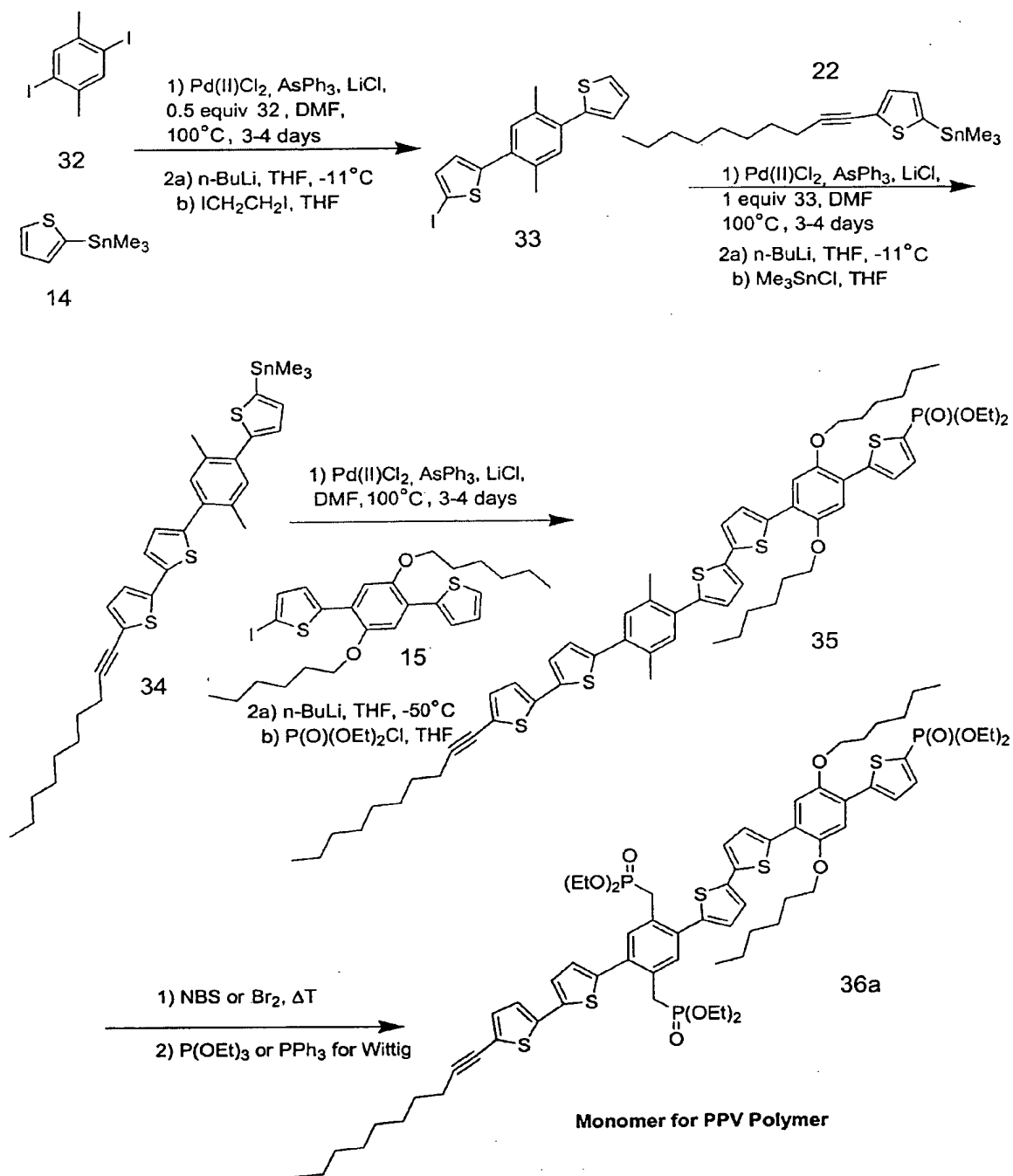


Fig. 22

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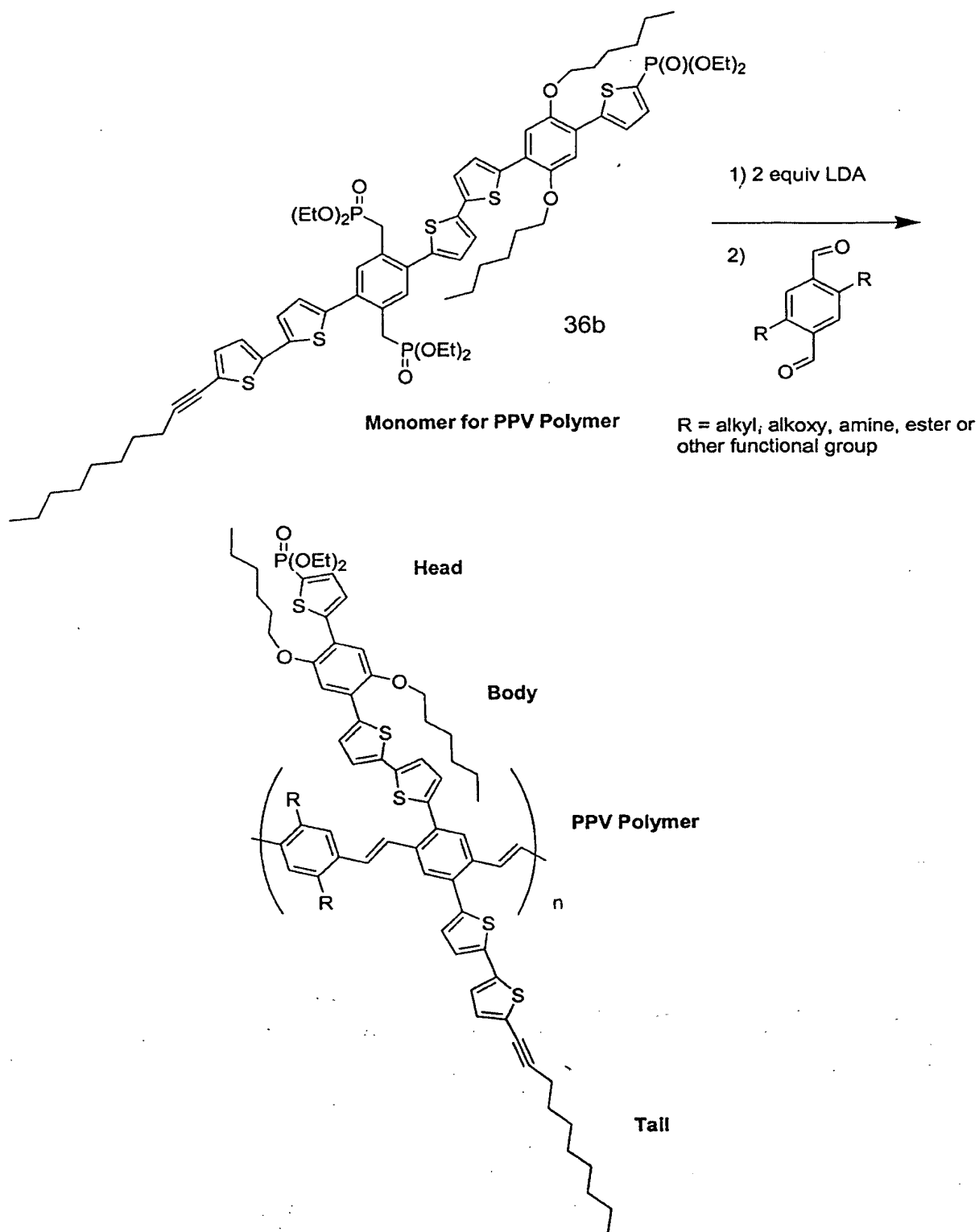


Fig. 23

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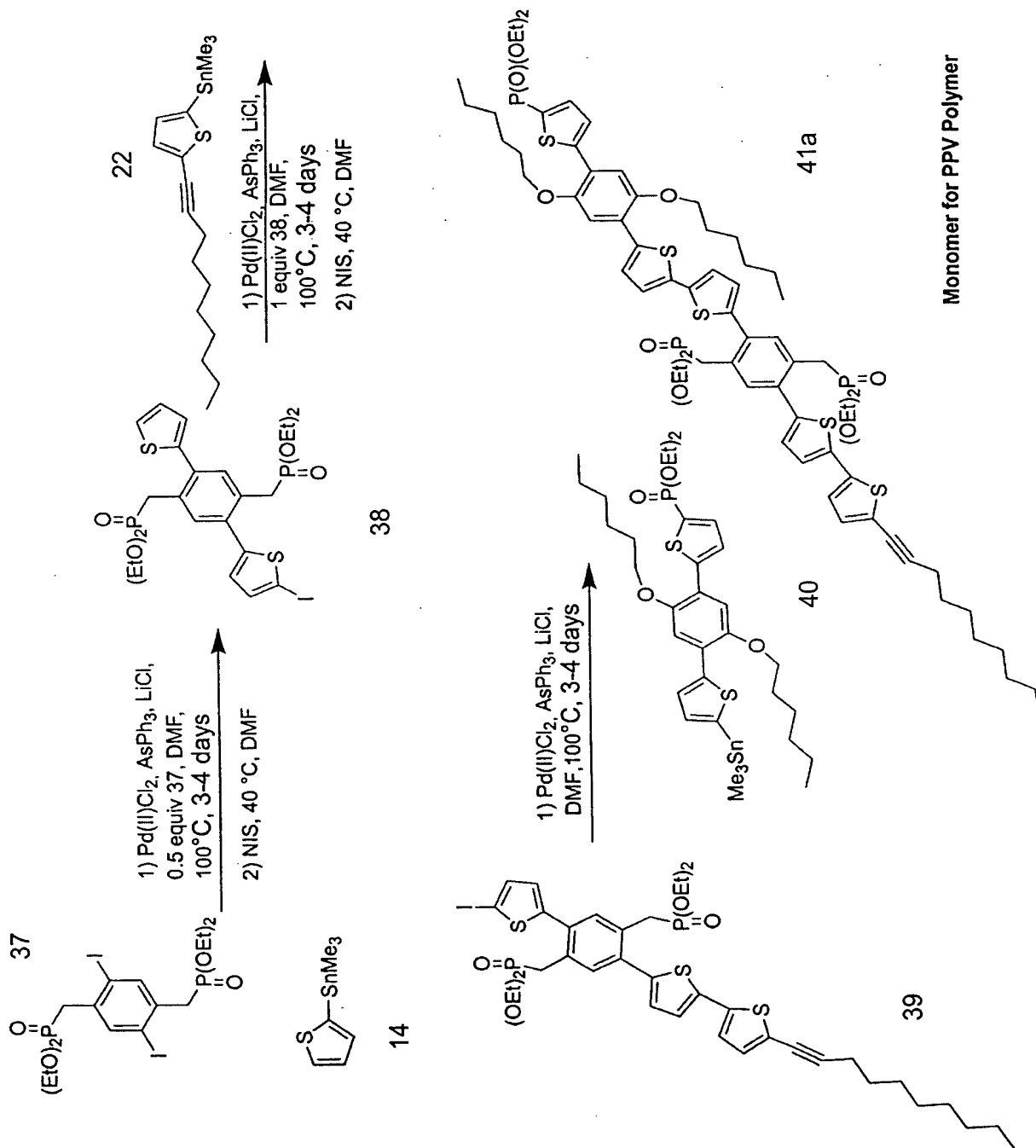


Fig. 24

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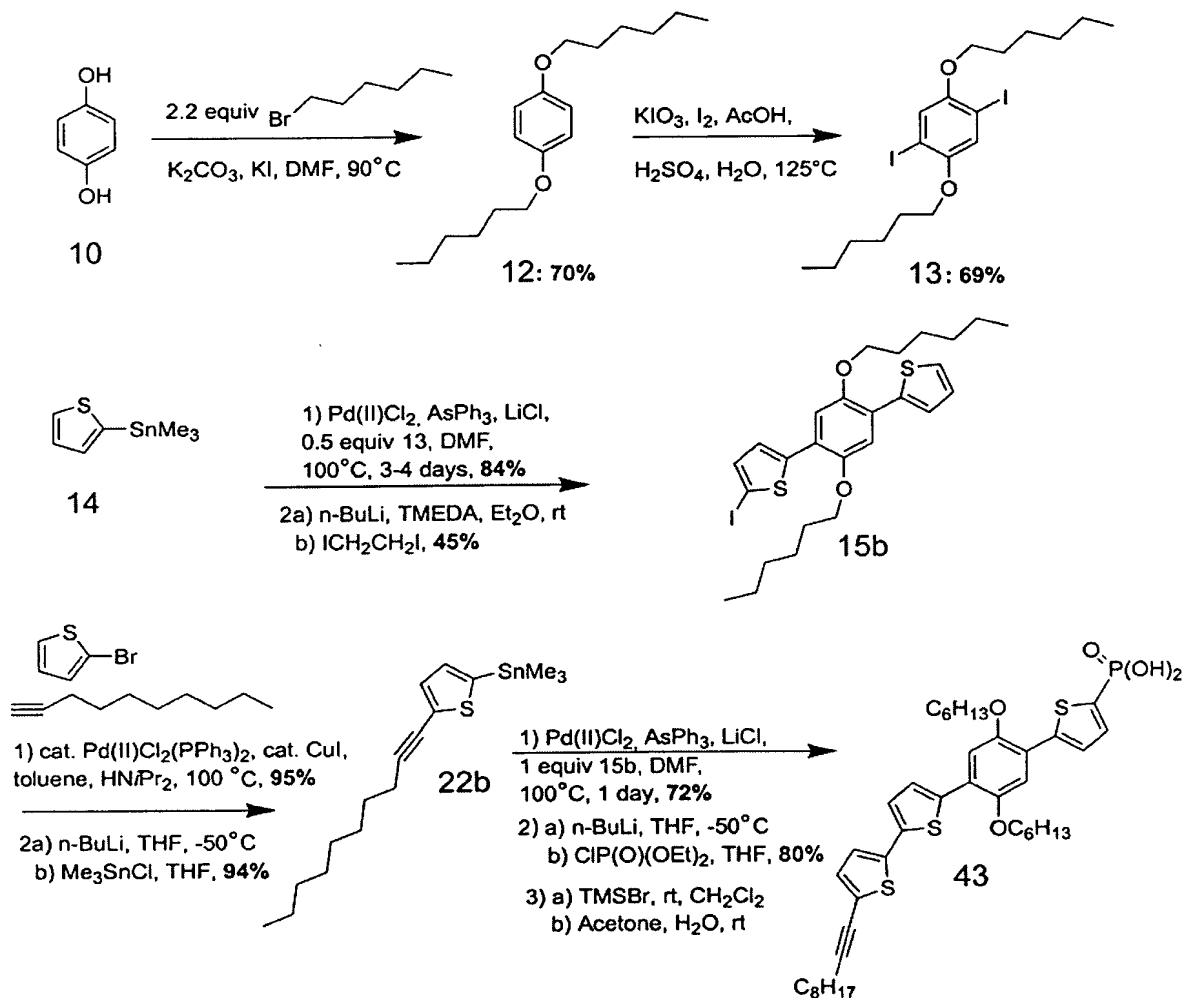


Fig. 25

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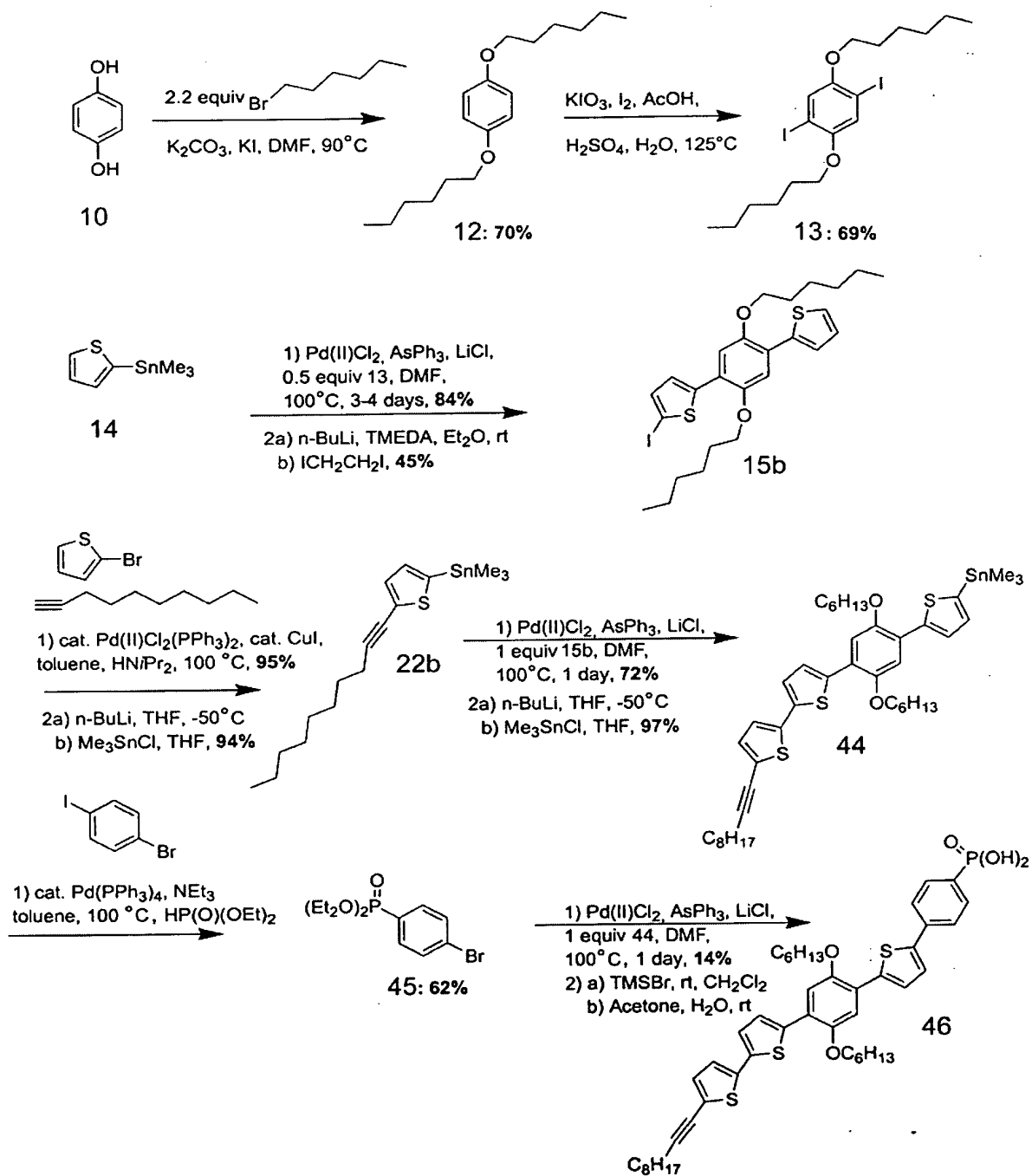


Fig. 26

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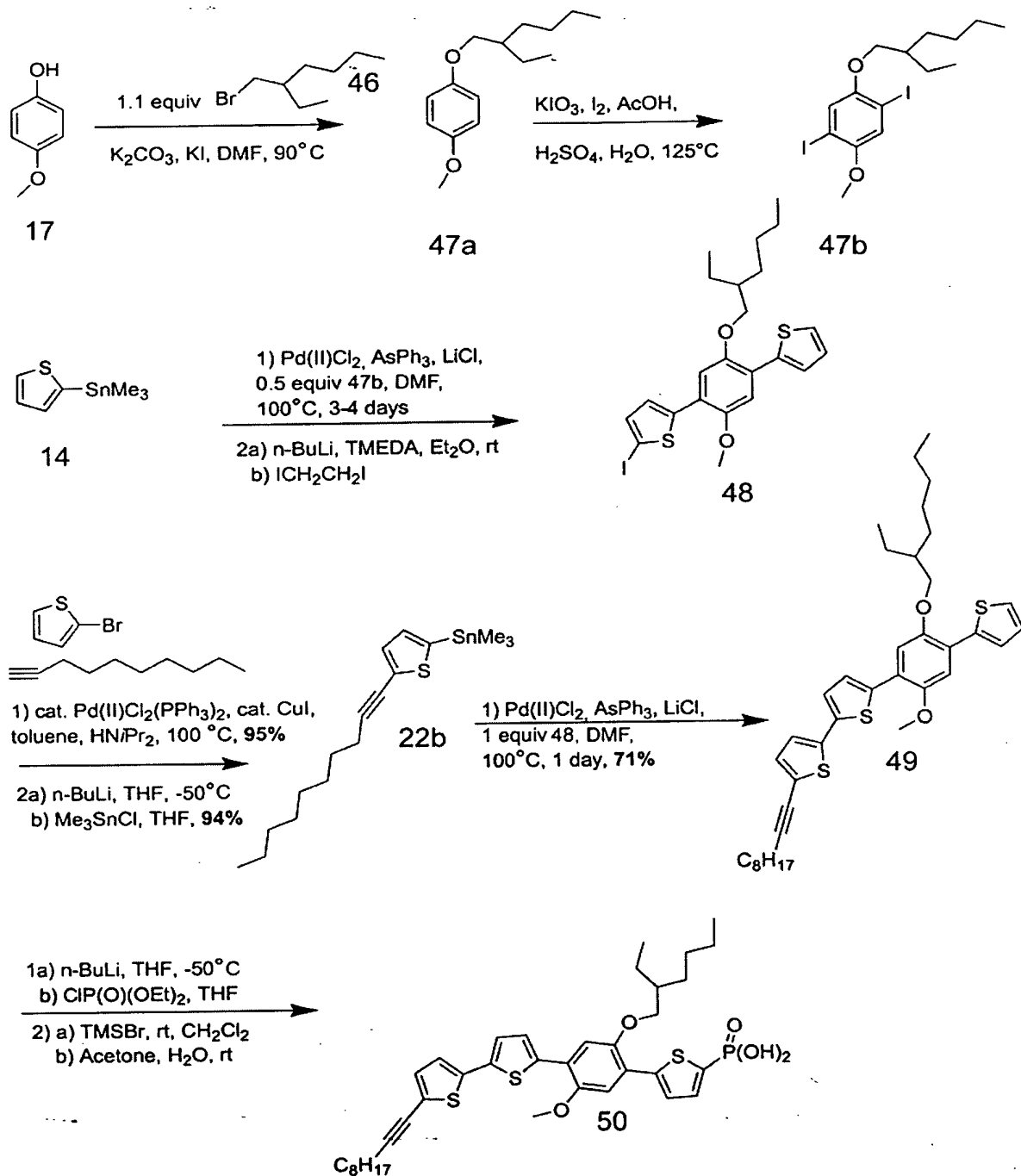


Fig. 27

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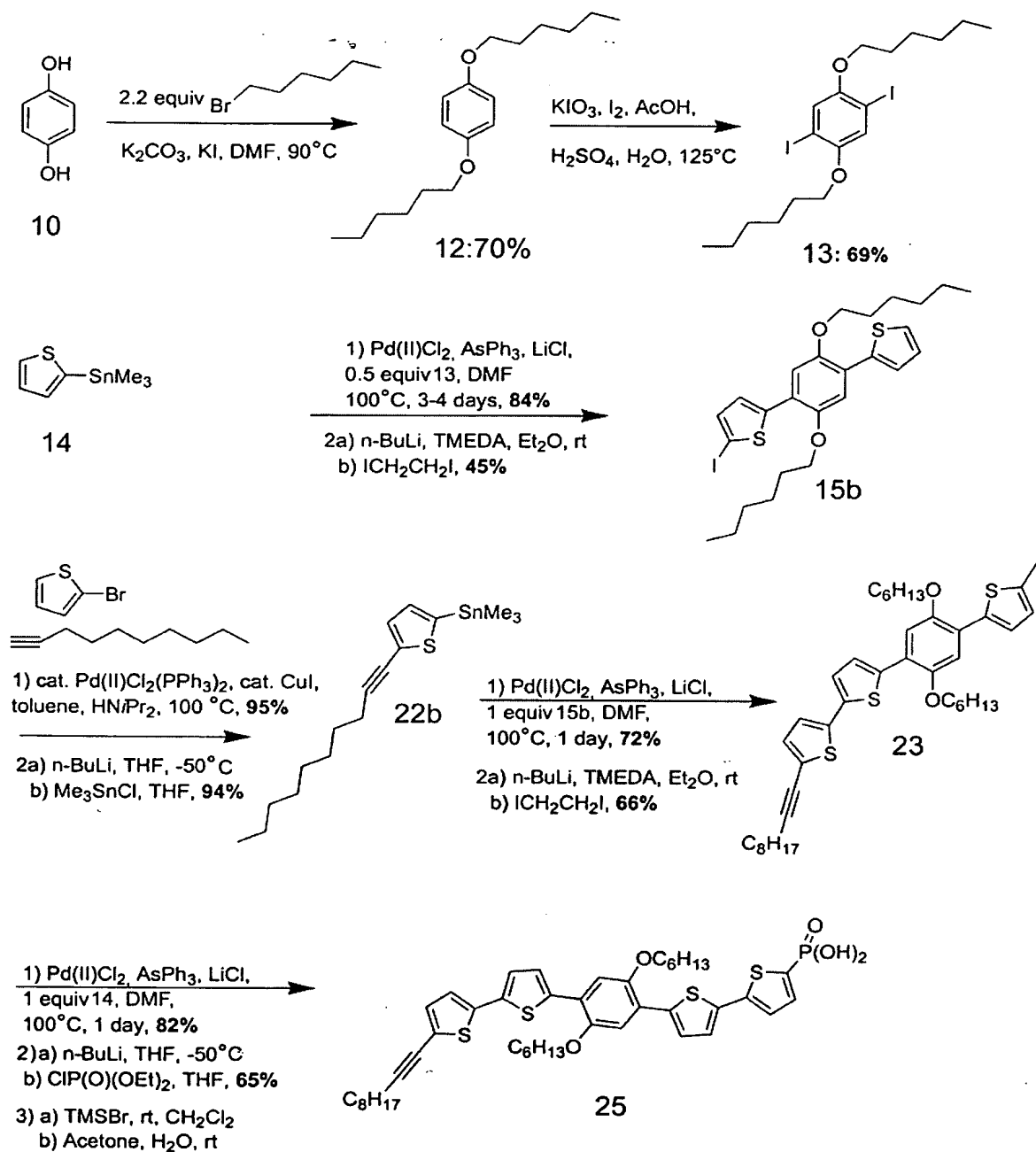


Fig. 28